

Investigations in the Field of Synthetic Dyes, XVIII.  
Synthesis of Isomeric Quaternary Salts of N-Aryl Quin-  
alidium and Their Conversions, by G. T. Pilyugin,  
E. P. Openessenko, 8 pp.

7  
RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 4, 1961,  
pp. 1233 - 1239

CB

196, 701

Sci  
Apr 62

Investigations in the Field of Synthetic Dyes. XXI.  
Styrls of Derivatiges of N-Aryl Quinseldinium Quate-  
ary Salts, by G. T. Pilyugin, I. N. Chernyuk, 2 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 4, 1961,  
pp. 1240 - 1243

CB

196, 699

Sci  
Apr 62

Investigation in the Field of Cyanin Dyes. V. Synthesis  
of N-Arylquinazoline Quaternary Salts and Their Trans-  
formations, by G. T. Pilyugin, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol XXV,  
No 4, Apr 1955, pp 793-801. CIA C 39500

Consultants Bureau

Scientific - Chemistry  
Nov 55 GTS/DEX

28, 900  
UK 2, 100

Research in the Field of Synthetic Dyestuffs.  
XI. Condensation of Salts of N-Arylquinoline  
with Nitroso Compounds, by G. T. Pilyugin, S. V.  
Shinkorenko, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,  
No 5, 1958, pp 1320-1323.

Consultants Bureau

Sci - Chem  
Jul 59

93, 303

Research in the Field of Synthetic Dyestuffs. X.  
Synthesis of N-Aryl-2- $\beta$ -Anilinovinylquinoline  
Derivatives and Their Transformations, by G. T.  
Pilyugin, E. P. Opanasenko, S. V. Shinkorenko,  
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,  
No 5, 1958, pp 1316-1319.

Consultants Bureau

Sci - Chem  
Jul 59

93, 302

Research in the Field of Synthetic Dyestuffs,  
IX. Synthesis of Bisazo Dyes by the Condensation  
of Diazo Compounds with Salts of N-Aryl  
Quinaldines, by G. T. Pilyugin, S. V. Shinkoranko,  
3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,  
No 5, 1958, pp 1313-1315.

Consultants Bureau

Sci - Chem  
Jul 59

93, 301

Synthetic Dyes. XXII. Styryls from Derivatives of 4-Arylquinazolinium Salts, by G. T. Pilyurin, I.N. Chernyuk, ~~et al.~~

<sup>3</sup>  
RUS'IAN, per, Zhur Obshch Khim, Vol XXVI, No 5  
1961, no. ~~1585-1586~~

1585-1587

CB

191,965

Sci  
Mar 62

Cyanin Dyes. Communication 2. Unsymmetrical  
Carbocyanines from Derivatives of N-Arylquinoline and  
of Benzothiazole, by G. T. Pilyugin, 5 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 3, May-Jun 1952, pp 520-525.

Consultants Bureau

USSR  
Scientific - Chemistry

Mar 54 CRS/DEX

10,248



Cyanine Dyes. VII. Cyclization of Secondary Aromatic Amines with Vinyl Ethers into Arylquinaldinium Derivatives, by G. T. Pilyugin, E. P. Opanasenko, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 4, 1957, pp 1015-1017.

Consultants Bureau

Sci - Chem  
Aug 58

69, 205

Cyanine Dyes. VIII. Synthesis of Alkoxy Derivatives of Quaternary Benzoquinaldinium Salts and Their Transformations, by G. T. Pilyugin, E. P. Openasenko, N. A. Tsvetkova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 4, 1957, pp 1018-1020.

Consultants Bureau

Sci - Chem  
Aug 58

69, 206

Investigations of Cyanine Dyes. VI. N-m-  
Nitrophenylquinazolinium Perchlorate and Its  
Transformations, by G. T. Pilyugin, Z. Ya.  
Krayner, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV,  
No 12, 1955, pp 2271-2273. CIA 542770-C,  
reel 4.

37,774  
Consultants Bureau

Sci - Chemistry

Aug 56

Cyanine Dyes. XIII. Monomethinequinothiacyanines  
of Unsymmetric Structure, by G. T. Pilyugin,  
E. P. Opanssenko, 12 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,  
1959, pp 3065-3075.

CB

129,313

Sci

Sep 60

Synthetic Dyes. XIV. Synthesis of  
4-Phenyllepidinium Perchlorate and Some of Its  
Transformations, by G. T. Pilyugin, B. M.  
Gutsulyak, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,  
1959, pp 3076-3078.

CB

Sci

ep 60

129,314

Investigations in the Field of Synthetic Dyes.  
XII. Synthesis of Monoazo Derivatives of  
N-Arylquinazolinium Salts, by G. T. Pilyugin,  
S. V. Shinkorenko, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8,  
1959, pp 2760-2762.

Consultants Bureau

Sci

Aug 60

126,755

Cyanine Dyes. Communication 4. Synthesis of  
3-Methyl-4-p-tolybenzo[f]quinolinium Iodide, and  
Some of Its Reactions, by G. T. Pilyugin, 6 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 6, USSR, Nov/Dec 1953, pp 1068-1073.  
CIA D 151103

Consultants Bureau

Scientific - Chemistry

CTS 66/Mar 55

21, 8/2

Cyanin Dyes. Communication 1. Symmetrical N-Arylquinocyanines, by G. T. Pilyugin, 7 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 3, May-Jun 1952, pp 512-519.

Consultants Bureau

USSR  
Scientific - Chemistry

Mar 54 CTS/DEX

10, 243



Investigations of Cyanine Dyes. I. Quino-,  
Quinoidno-, and Quinothiacarboquinines, by G. T.  
Pilyugin, Z. Ya. Krainer, 8 pp. UNCLASSIFIED.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 4,  
April 1953, pp 634-643.

Consultants Bureau Tr

13,196

Scientific - USSR Chemistry

Phenyl-Substituted Quinocyanines, by G. T. Pilyugin,  
Z. Ya. Krayner, 10 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LXXXI,  
No 4, 1951, pp 609-612.

CIA/PDD/X-1357

Scientific + Chemistry  
CIS/DRK

14,394

Synthetic Dyes. XVII. Synthesis of  
Azomethines by the Condensation of N-  
Arylquinazolinium Quaternary Salts with  
o-Nitroso- $\beta$ -Naphthol, by G. T.  
Pilyugin, S. V. Shinkorenko, 4 pp.

RUSSIAN, *Fer, Zhur Obshch Khim*, Vol XXX,  
No 5, 1960, pp 1656-1660.

CB

164,698

Sci

Aug 61

Unsymmetrical Cyanine Dyes: The Problem of the  
Nature of the Chromophore of Polymethine Dyes, by  
A. I. Kiprianov, O. T. Pilyugin, 17 pp.

RUSSIAN, per, Ucheni Zapiski Kharkivskogo Derzhav-  
nogo Universiteta imeni A. M. Gor'kogo, Vol III,  
No 10, 1937, pp 51-67.

Sci Mus Lib Tr 57/1420

Sci - Chemistry  
Nov 57

55, 088

Studies in the Field of Cyanine Dyes. Part 3.  
Asymmetrical Carbocyanines From N-Arylquinazoline  
and Indolenine, by G. T. Pilyugin, ~~TEXT~~ 6 pp.  
UNCLASSIFIED.

RUSSIAN, bino per, Iz Ak Nauk, Otdel Khim Nauk, No 4,  
1952, pp 736-742.

Consultants Bureau

16,961

Scientific - Chemistry

CTS/DEX

Synthetic Dyes. XXX. Synthesis of Unsymmetrical Carboyanines from Some Aryllepudinium Salts, by G. T. Pilyugin and B. M. Gutsulya  
5 pp.

RUSSIAN, per. Zhur Obshch Khim, Vol XXXII,  
No 7, 1962, pp. 2200-2204.

CB

Sci

340, 999

May 63

Studies in the Field of Synthetic Dyes. XI. Cyclization  
of *m,p*-Nitroylaniline to a quaternary Levidinium Salt,  
and Some Reactions of the Latter, by G. I. Pilyugin,  
E. M. Gutsulyak, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No. 2, 1961,  
pp 606-612.

603-606.

CB

189,202

Scl.

Mar 62

Synthetic Dyes. XVI. Synthesis of Hydroxy- and  
Alkoxy-Substituted N-Arylquinazolinium Quaternary  
Salts and Their Transformations, by G. T. Pilyugin,  
E. P. Opanasenko, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXV, No 4,  
1960, pp 1303-1306.

CB

Sol.

153,909

June 1961



Studies of Synthetic Dyestuffs. XXV. The Synthesis  
of Isomeric N-Arylquinoline Salts and Their  
Conversion into Cyanine Dyestuffs, by G. T. Pilyugin,  
E. P. Opanasenko, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 5,  
1962, pp 1398-1403.

CB

Sol

233,536

Mar 63

Synthetic Dyes. IV. Synthesis of N-p-Nitrophenyl-6-methylenediphenylmethinium Iodide and Its Transformations, by G. T. Pilyugin, B. M. Gitsulyak, 4 pp.

RUSSIAN, per Zhur Obshch Khim, Vol XXV, No 4, 1960, pp 1299-1302.

CB

Sci

153,908

June 1961.

Studies of Quinoline Derivatives. Communication 1.  
N-Aryl Quaternary Salts of Quinoline Derivatives, by  
G. T. Pilyugin, 8 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 2, Mar-Apr, 1952, pp. 353-362.

Consultants Bureau

USSR  
Scientific - Chemistry

Mar 54 CTS/DEX

10,209

Atomic Weapons and Antiatomic Defense(engineering  
Work in Populated Areas), by Lt Col L. Pilyugin

RUSSIAN, up, Krasnaya Zvezda, 18 Apr 1956.

CIA/Sum 985

35,580

USSR

Military

Sov Mil Info Rpt (35)

Atomic Weapons and Protection Against Atomic  
Attack, by A. P. Glushko, L. K. Markov, L. P.  
Pilyugin, 157 pp.

RUSSIAN, bk, Atomnoye Oruzhiye i Protivoatomnaya  
Zashchita, Moscow, 1958, 206 pp.

ATIC F-TS-9940/V

USSR

MIL

Sci - Nuclear Physics

Nov 59

102,432

Military Radioactive Substances, by A. P. Glnahko,  
L. K. Markov, L. P. Pilyugin, 4 pp. (ID 2088022)

RUSSIAN, bk, Atomnoye Oruzhie i Protivatomnaya  
Zashchita, 1958, pp 95-100.

ACSI, X-2733

Sci - Nuc Phys

Jan 59

79,131

(NY-4858)

Experience in Automation of an Intradistrict  
Telephone Network, by P. A. Izmaylov, G. S. Pilyus:  
14 pp.

RUSSIAN, per, Vestnik Svyazi, No 10, 1959.

JPRS 7005

Sol

Jan 61

135,930

The Relation Between Therapeutic Nutrition for  
Patients and Functional Gastric Disturbances  
in Cases of Thermal Burns, by I. Kolesnikov,  
P. Shilov, P. Pilyushin

RUSSIAN, no per, Voenno Med Zhur, No 10,  
Moscow, Oct 1957, pp 71-77

US JPRS Rpt 287

Sci - Med

Feb 58

59,137



GENERAL INFORMATION ON THERMAL BURNS AND BURN  
DISEASE, BY P. I. SHILOV, P. V. Pilyushin, 24 pp.

RUSSIAN, EN, VNUTRENNAYA PATOLOGIYA PRI OZHOGAKH,  
1962, PP 5-19.

JPRS 15339

SCI - MED

OCT 62

212,174

Vital Problems of Therapeutic Nutrition  
of the Burned, by I. S. Kolesnikov, P.  
I. Shilov, P. V. Pilyushin

RUSSIAN, mo per, Voenno Med Zhur, No 8,  
Moscow, Aug 1960, pp 49-59

US JPRS 7609

137,890



PILZ. Sapwood/heartwood transition in Scots pine.  
Allg. Forst-u. Jagdztg 83:265-72 (1907) (CSIRO/No. 98)

Electronic Production of Lines to Indicate Areas  
in the Television Frame that are Important for the  
Picture, by F. Pilz.

GERMAN, ~~Per~~, Rundfunktechnische Mitteilungen, Vol 7,  
No 5, 1963, pp 7-241

AREA

*F PILZ*

Sci -

Aug 67

336,747

Furnaces With Recirculation of Smoke Gases, by  
K. Pils.

GERMAN, per, Wasser Waerme, Vol II, 1948, ~~pp 161-168~~  
pp 31-37.

D.S.I.R./11035/CT

Scientific - Engineering

dex only

12,182

Use of Vacuum in Sand and Gravity-Die Casting  
to Minimize Waste, by L. Pilz.

GERMAN, per, Giessereitechnik, Vol II, No 9,  
1956, pp 202-206.

Brutcher Tr 4297  
\$6.80

Sci - *Eng*  
~~Min~~

Sep 58

72,576

The Determination in Air and Dilute Solutions of  
Small Amounts of Amines Produced From Aromatic  
Isocyanates in the Presence of the Isocyanates,  
by W. Pils, 7 pp.

GREENMAN, per, Mikrochim Acta, No 4, 1958,  
pp 545-552.

AEC Tr 3630

Sci - Chem

May 59

88, 049



The Micro-Analytical Estimation of Sulphur  
in Organic Substances, by T. Tettweiler and  
W. Pilz.

GERMAN, per, Naturwissenschaften, Vol XLI,  
1954, pp 332 -333, and 436.

INSDOC-T2190

Sci

Aug 58

72,822

Alcaline in Sedimentary Rocks of Great  
Bogdo Mountains, by M. F. Kolbin and M.  
I. Pimburskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No  
1, 1955.

SLA R-2662

Sci

Aug 58

72,76.2

The Optimum Work Roll Diameter in the First Stand  
of the Levelling Train, by I. M. Boyarshinov, A. F.  
Pimenov, 3 pp.

RUSSIAN, per, Stal, No 9, 1961.

MI61

Sci

May 62

194,747

Analyzing the Accuracy of Remote Control of Radio  
Stations on Moving Objects, by A. I. Pimenov, 9 pp.  
UNCL

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Priborostroyeniye  
No 6, 1949.

ACSI H-8694  
ID 2162125

Sci - Electronics  
May 61

152,304

Classification and Analysis of the Accuracy of  
Shaft Click-Locking Devices Used in Instruments,  
by A. I. Pimenov, 4 pp.

RUSSIAN, par, Priborostroyeniye, No 7, 1960,  
pp 9-12.

Taylor & Francis

Sci

Mar 61

141,554

ON THE PAPER ELEMENTS FOR THE T-1000, 157  
BY A. M. Pimenov.  
MOSCOW, per, Trajectory & Sci. Documentation, No 3,  
1981, pp 8-10.  
CPLR-17-64-11086

*A. M. Pimenov*

USNS  
Sci/Agri  
Jul 85

252,413

Some Certain Tactical Methods of Jet-Bomber  
1947, by Lt Col I. Pimenov, 5 pp. UNCLASSIFIED

REFERENCE, per, Vest Voz Flota, No 9, 1947, Encl  
to 1A1-167-54, AFOIN.

AP 619140

SECRET  
Military - Aviation  
GSA D-27636

15,419

4450  
(DC-6450)

How We Secured an Improvement in Radio  
Communications Work, by I. V. Pinsnov, 5 pp.

RUSSIAN, per, Vestnik Svyazi, No 5, 1948, p 9.

JPRS 6425

Sol

Dec 60

135,949



112  
Eigentoner Algebra, by R. I. Pimenov, 6 pp.  
RUSSIAN, per, Universitet. Voprask. Seriya  
Matematiki, Mekhaniki i Astronomii, No 13, 1964.  
F100371707-V  
FTD-IT-65-02

*R. I. Pimenov*

Sci/Math Sci  
Feb 68

349.373

(SF-1875)

THE HISTORY OF SOCIALIST MOSCOW, BY  
S. KUNUSHKIN, V. PIMENOV, M. YASHIN,  
6 PP.

RUSSIAN, PER, KOMMUNIST, NO 18, DEC 1961,  
PP 116-118.

JPRS 12527

USSR  
OL  
FEB 62

182-104



Saturation and Recovery Time of Paramagnetic  
Amplifiers, by N. V. Karlov, Yu. P. Pimenov,  
5 PP.

RUSSIAN, per, Radiotekhnika i Elektronika, No 3, 1961.

AIR

Sci

Apr 62

194,724

On Sensitivity of Radio Receivers With Paramagnetic  
Amplifiers, by N. V. Karlov, Yu. P. Pimenov,  
5 pp.

RUSSIAN, par, Radiotekhnika i Elektronika, No 3,  
1961.

AKRE

Sci  
Apr 62

194,725

The Plane Problem of the Diffraction of  
Electromagnetic Waves by Two Ideally  
Conducting Strips of Finite Width, Located  
One Below the Other, by Yu. V. Pimenov,  
5 p.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIX, No 6,  
1959, pp 711-715.

Amer Inst. of Phys  
Vol IV, No 6,

105900

The Two-Dimensional Diffraction Problem for a Parabolic  
Cylinder of Finite Size, by G. A. Grinberg, Yu.V.  
Pisarenov, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 10,  
1958, pp 2302-2309.

Amer Inst Of Phys  
Sov Phys - Tech Phys  
Vol III, No 10

Sci - Phys

Jun 59

90,098

Establishment of Steady-State Processes in a Plane  
Diode with an External Magnetic Field, II, Yu. V.  
Pimenov, 9 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 6, <sup>1957,</sup> 1182-  
1191.

Amer Inst of Phys  
Sov Phys-Tech Phys  
Vol II, No 6

Sci - Phys  
May 58

62,724



Diffraction of Electromagnetic Waves by a  
Circular Aperture in an Ideally Conducting  
Plane, by G. A. Grinberg, Yu. V. Pimenov, 5 p.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIX, No 10,  
1959, pp 1206-1212.

Amer Inst<sup>3</sup> of Phys  
Sov Phys-Tech Phys  
Vol IV, No 10, 1960

115,551

S  
Sci May 60

Transient Processes in a Plane Diode With an  
External Magnetic Field, by Yu. V. Pimenov, 12 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 9,  
1956, pp 1955-1965.

Amer Inst of Phys  
Soviet Phys-Tech Phys  
Vol I, No 9

Sci - Phys  
Oct 57

54,399

The Plane Problem of Diffraction of Electro-  
magnetic Waves by an Ideally Conducting  
Strip of Finite Width, by Yu. V. Yizanov,  
7 pp.

Russkii, per, Izv. Akad. Nauk, Vol. 1989, No. 1,  
1989, pp 597-603.

Amer. Inst. of Phys.  
Sov. Phys. - Tech. Phys.  
Vol. IV, No. 5

Sci

Doc 59

103.671

On the Question of Diffraction of Electromagnetic  
Waves from Infinitesimally Thin Ideally Conducting  
Plane Screens, by G. A. Grinberg, Yu. V.  
Pimenov, 17 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 10, 1957  
pp 2326-2339.

Amer Inst of Phys  
Sov Phys-Tech Phys  
Vol II, NO 10

Sci-Phys  
Jun 58

65, 310

Diffraction of a Plane Electromagnetic Wave by  
a Perfectly Conducting Sphere of Large Diameter,  
by M. A. Kharichnikov, Yu. V. Pimenov, 6 pp.

RUSSIAN, per, Radiotekhnika i Elektronika, No 3, 1963,

TEXT

Sci -  
Dec 63

244 128

The Effect of Pneumoperitoneum on Aseptic  
Leukocytosis Caused by Parenteral Injection of  
Milk, by K. A. Pimenova, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIII,  
No 4, 1957, pp 57-59.

Consultants Bureau

Sci - Med

May 58

64,432

Electrolytic Coating of Metals with Fe-Ni-Cr Alloy  
by P. F. Kalyuzhnaya, K. N. Pimenova 7 pp.

RUSSIAN, per, Zhur Prikl Khim. Vol XXXV, No 5.  
1962, pp 1057-1064.

CB

Sci

Apr 63

233,682

Jul 59

S-5146

(DC-2798)

The Alkaloid Content and Distribution of  
Ergot in the USSR, by N. I. Ostrovskiy, N. I.  
Libizov, A. P. Dobrovol'skaya, L. D. Pimenova,  
L. P. Semenova, # 9 pp.

RUSSIAN, per, Apteknoye Delo, Vol VIII, No 1,  
Jan/Feb 1959, pp 29-34.

JPRS-L-1734-D

Sci - Medicine-Pharmacology  
Jul 59

90,915



5-Halofurylacrylic Acids and Their Derivatives, by  
Z. N. Masarova, M. I. Pimenova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 10,  
1957, pp 2842-2844.

Consultants Bureau

Sci - Chem  
Jan 59

78,980

Effect of Antibiotics on the Growth of Some Unicellular  
Green Algae, by I. V. Maksimova, M. N. Pimenova, 6 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXII, No 4, 1962,  
pp 646-653.

CB

243, 217

XSci -  
Nov 63

Microorganisms Encountered During Large Scale  
Cultivation of Algae in Open Throughs, by  
M. N. Pimenova, I. V. Maksimova, et al, 5 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXXI, no 2,  
1962, pp 332-338.

AIBS

Sci-Med Sci  
Nov 63

243, 253

Some Comments on the Classification of  
Streptococcus Lactis, By M. N. Pinanova,  
5 pp.

RUSSIAN, Dokl. Mikrobiol., Vol XXVII, No 2, 1958,  
pp 177-181.

Amer Inst of Biol Sci

Sis - Biol

Jan 59

80,082

Acetoin and Diacetyl in the Metabolism of Lactic Acid  
Streptococci, by R. M. Pimenova, 7 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXVI, No 3, 1957,  
pp 263-270. CIA 9017154

Amer Inst of Biol Sci

Sci - Biol

Apr 57

61, 129

Dry Ice as a Source of CO<sub>2</sub> for Welding, by T. F.  
Elmenova, A. I. Mikoyan, N. M. Novozhilov, 6 pp.

RUSSIAN, per, Svaroch Proiz, No 11, 1960, pp  
35-36.

BWRA

*178, 994*

Sci

Dec 61

A Color Reaction for Dichloroethane, by V. I. Kuznetsov, Z. M. Pimenova, 4 pp.

Full translation.

RUSSIAN, bimo per, Zhur Anal Khim, Vol VII, No 2, Mar-Apr 1952, pp 89-91

Consultants Bureau

7905

Scientific - Chemistry

Dec 53

CTS/DEX

PIMENOVA, Z. M.

Colorimetric Method for the Determination of  
Diaminobenzene in Air, Zhur Analit Khim,  
USSR, 6, No 1, 59, 60, 1951. Approx 625 words;  
4 references. Price (2.50 (00.55))

Approved Services  
New Jersey

RJ-51  
ATS-RJ51

A-9189

Lesions of the Brain and Cerebral Meninges in Leukemias,  
by Cortez J. Pimentel, 33 pp.

SPANISH, per, Gas med port, Vol 8, 1955, pp 225-240.

S.L.A. Tr 1398/1956

Sci - Medicine  
Feb 57 CTS/dex

43,567



Extra-Abdominal Desmoid Tumors, by J. C. Pimentel,  
27 pp.

PORTUGUESE, per, Gaz Med Port, Vol VIII, 1955,  
pp 33-44.

Tr  
NIE/4-16

Sci - Med

SCA 52-177

May 58

64,091

(2505-D)

The Montana Cuellar Affair, by Diego Llinas  
Pimienta, 2 pp.

SPANISH, np, El Liberal, Popayan, 30 January 1949.

US JPRS L-1416-D

Colombia  
Soc  
Feb 59

NSA- Reimbursable

Theory of the Transformation of the Spoken Voice  
and Prospects for Application, by Leonid Pimonov.  
(DC-8632) 16 pp.

FRENCH, par, Cahiers d'Acoustique, Vol XVII, No 11-12,  
1962, pp 304-313.

<sup>2</sup>  
\*JPRS/Special

Sci - Electron  
May 63

231, f33

I-60/63

Detection and Analysis of Infrasounds Propagated  
in the Air in the Range of 2 to 30 Cycles, by

Leonid Pimonov, 1108

FRENCH, per, Annales des Telecommunications, Vol XII,  
No 12, 1957, pp 419-423.

9/ JPRS/IC-8591

Sci - 3 hyp  
Apr 63

228,936

On the Study of the Problem of Tonal  
Selectivity of the Ear, by L. Pimonov,  
22 pp.

GERMAN, per, Acustica, Vol IX, No 5,  
1959, pp 345-352.

SLA 60-16915

Sci  
Feb 62  
Vol 4, no 9

*184, 686*

Documentationen d. Technik, München 8, Zweibrückenstr. 2

12 Übersetzungsmaschinen

1094.

Pimsleur, Paul  
Semantic frequency counts.  
1957, S. 11-13

Zt. Mechanical Translation

An Experimental Study of Modes and Methods of  
Preparing Live Influenza Vaccine, by M. I. Sokolov,  
Do. Fin, 7 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol,  
Vol KMG, No 5, 1959, pp 11-16.

Pergamon Press

Sci-Med

118,757

Jun 60

Shanghai Motor-Car Works Strives for an Annual  
Output of 150,000 Motor-Cars, by Jao P'ia, 6 pp.

CHUNGKING, per, Hsing-ch'i, No 12, 16 Nov 1958.  
(Available CIA Lib)

AmberConGen, Hong Kong  
Ext From China Mainland Mag No 156  
26 Jan 1959

ES - China  
Econ  
Mar 59

822,708



An Electrothermal Method of Producing Zinc, by  
A.A. Pinaev, V.I. Fel'metsger et al, 6 pp.

RUSSIAN, per, Tsvetnye Metally, Vol IV, No 2,  
1963, pp 25-29.

PS

Sci  
Jun 64

261, 371

Some Neutrino Pair Production Processes in Stars, by  
V. S. Pinaev, 5 pp.

RUSSIAN, per, Zhur Ekspri i Teoret Fiz, Vol XLV,  
No 3, 1963, pp 543-554.

Amer Inst of Phys  
Sov Phys - JEMP  
Vol XVIII, No 2

Sci

Mar 64

255,185

Spectrographic Determination of the Cations of  
Some Spanish Medicinal Mineral Waters, by B.  
Pina de Rubies, C. Sirvent d'Argent, 23 pp.

SPANISH, per, Ann Soc Espan Fis i Quim, Vol  
XXIX, 1931, pp 235-246.

NIF 7-12

Sci - Chem

Sep 58

73,332

Concerning Cocaine, by H. Pinatel, et al. 40  
FEBRUARY, per. 1963 Pharm, S4403-410,  
1963.  
Dept. EDW, WH 6-19-65

*H. Pinatel*

Sch-2101 & 1201  
Oct 65

290,300

After the Messina Conference, by M. Pinay;  
The Atomic Pool, 4 pp.

FRENCH, np, Agence Economique et Financiere,  
8 Jun 1955; Le Monde, 9 Jun 1955, Encl to Desp  
No 2704, Paris. CIA D 238835

Dept 2 of State

WEur - France  
Economic - Coal & Steel Community  
CTS 71/Aug 1955

25,734

76  
Electrical Conductivity of a Zinc Charge, by A.  
K. Finayev, et al, 5 pp.

RUSSIAN, par. Izvestiya Vysshikh Tekhnicheskikh  
Sovetov. Izvetsnaya Metallurgiya, no 4, 1964,  
pp 98-100. -10060268-

FT-65-20

Sci-Int  
Apr 68

252.276

A. K. Finayev

Effect of Crystals and Ultrasonic Vibrations on Acromyosin,  
by M. A. Krasnikh, G. P. Pinyev, et al, 11 pp.

RUSSIAN, per. Reaktivnyi Klass na Elektromagnitnyye Vozdeystviya,  
1961, pp 6-13.

JPRS 22613

Sci-Fiel & Med  
Jan 64

2445, 576

The Mechanism of Contraction and Spontaneous Relaxation  
of Glycerinated Models of Muscle Fibrils, by I. I.  
Ivanov, G. P. Pinayev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 4, 1957,  
pp 763, 764.

Consultants Bureau

Sci - Biology  
May 58

62,702



Emission of Neutrino Pairs by Electrons and  
the Role Played by it in Stars, by G. M.  
Gandel'man, V. S. Pinyayev, 5 p.

RUSSIAN, per, Zhur Kasper i Teoret Fiz,  
Vol XXXVII, No 4(10), 1959, pp 1072-1078.

Amer Inst of Phys  
Sov Phys - JETP  
Vol XXXVII(10), No 4

Sci

Apr 60

114,888

The Effect of Prolonged Vegetative Reproduction  
on the Physiological Properties of *Cl. acetobutylicum*  
by G. V. Filizova, 6 pp.

RUSSIAN, *Microbiologiya*, Vol XXVIII, No 4,  
1959, pp 495-501.

Amer Inst of Biol Sci

Sci

May 60

118,135

32  
Lithuanian, American, and European Orthodoxy,  
by W. I. Krylov, M. M. Finsberg-Gurel, 9 pp.  
MUNICH, Ger, Zbor Georgy Kham, Vol VII, No 10,  
1964, pp 2256-2257. 969343  
FTD-TT-64-22

Sel - Chem  
Jul 44

342,421

Investigation of the Aqueous Reciprocal System of  
Sodium and Calcium Chromates and Nitrates, by E. N.  
Pinayevskaya, N. L. Antoshkina, et al, 15 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIV, No 8,  
1961, pp 1722-1738.

CB

Sci

Jun 62

200,587

The Vapor Pressure of Fluosilicic Acid Solutions,  
by V. S. Yatlov, E. N. Pinayevskaya.

RUSSIAN, no per, Zhur Prii Khim, Vol XIV, No 1,  
1941, pp 11-13.

Assoc Tech Sv RJ-526  
\$4.25 (\$.85)

Sci - Chemistry  
Apr 1957 CFB/dex

46.783

The Influence of Preliminary Radiation and  
Chemical Treatment on the Rate of the Subsequent  
Thermal Decomposition of Silver Permanganate,  
by V. V. Baldyrev, E. N. Pionovskaya, et al, 4 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 2,  
1961, pp 184-187.

CB

Sci  
Jun 62

200,112

Equilibrium in  $KF-KCl-H_2O$  and  $KHF_2-KCl-H_2O$   
Systems, by E. N. Pinaevskaya, and N. P. Golubchenko,  
Rus. Zh. Khim. 31, pp. 101-103.

RUSSIAN, per, Zhur Prikl Khim, Vol XXVI, No 1,  
Jan 1953, pp 101-103.

Consultants Bureau

13,669

Scientific - Chemistry